

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1506-1032-1

SERIAL NO.
10/619,906

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

APPLICANT
Andreas DIECKMANN et al.

FILING DATE
July 16, 2003

GROUP
1614

37 CFR 1.98(b)

U.S. PATENT DOCUMENTS

		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KC	AA	US 2002/ 0037538 A1 corres. to WO 0186002	03/02	Trepicchio et al.			
KC	AB	US 2003/ 0036070 A1 corres. to WO0129269	02/03	Chakravarti			
KC	AC	5,506,242	04/96	MacPherson et al.			
KC	AD	US 2003/ 0157110 A1	08/03	An et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
KC	AI	98/04287	02/98	WO			
	AJ	20010580890	07/03	JP			
KC	AK	01/83461 A1 corres. to JP 20010580890	11/01	WO			YES English Abstract only

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

KC	AT	Roscoe L. Warner et al., "Role of Metalloelastase (MMP-12) in a Model of Experimental Asthma," FASEB Journal, V. 16, 2002, p. A590, abstract.
KC	AU	R. Dean Hautamaki et al., "Requirement for Macrophage Elastase for Cigarette Smoke-Induced Emphysema in Mice," Science, V. 277, 1997, pp. 2002-2004.
KC	AV	Renu A. Heller et al., "Discovery and Analysis of Inflammatory Disease-Related Genes Using cDNA Microarrays," Proc. Natl. Acad. Sci. USA, V. 94, pp. 2150-2155.
KC	AX	Maarit Vaalamo et al., "Distinct Expression Profiles of Stromelysin-2 (MMP-10), Collagenase-3 (MMP-13), Macrophage Metalloelastase (MMP-12), and Tissue Inhibitor of Metalloproteinases-3 (TIMP-3) in Intestinal Ulcerations," American Journal of Pathology, V. 152, 1998, pp. 1005-1014.
KC	AY	J. Michael Shipley et al., "Metalloelastase is Required for Macrophage-Mediated Proteolysis and Matrix Invasion in Mice," Proc. Natl. Acad. Sci. USA, V. 93, pp. 3942-3946.

EXAMINER

[Signature]

DATE CONSIDERED

5/23/05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KC	BA	6,352,976	03/02	Warshawsky et al.			
	BB						
	BC						
	BD						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
KC	BI	01/83431 A1	11/01	WO			English abstract
KC	BJ	1 288 199 A1	03/03	EP			
KC	BK	00/31105	06/00	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

KC	BT	Azzaq Belaaouaj et al., "Human Macrophage Metalloelastase," The Journal of Biological Chemistry, V. 270, 1995, pp. 14568-14575.
KC	BU	Sayda M. Elbashir et al., "Functional Anatomy of siRNAs for Mediating Efficient RNAi in <i>Drosophila melanogaster</i> Embryo Lysate," The EMBO Journal, V. 20, 2001, pp. 6877-6888.
KC	BV	Steven D. Shapiro et al., "Cloning and Characterization of a Unique Elastolytic Metalloproteinase Produced by Human Alveolar Macrophages," The Journal of Biological Chemistry, V. 268, 1993, pp. 23824-23829.
KC	BX	Karl-Heinz Altmann et al., "Novel Chemistry," Chapter 4, Applied Antisense Oligonucleotide Technology, 1998, pp. 73-107.
KC	BY	Martin H. Holtmann et al., "Immunotherapeutic Approaches to Inflammatory Bowel Diseases," Expert Opinion on Biological Therapy, 2001, pp. 455-466.

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